

FIG. 1

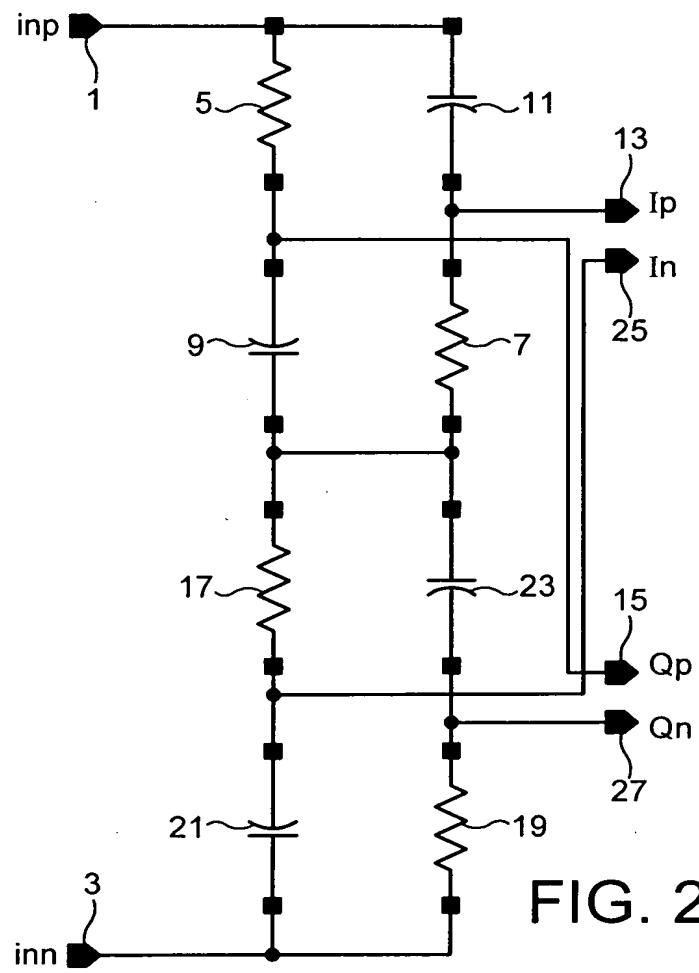


FIG. 2

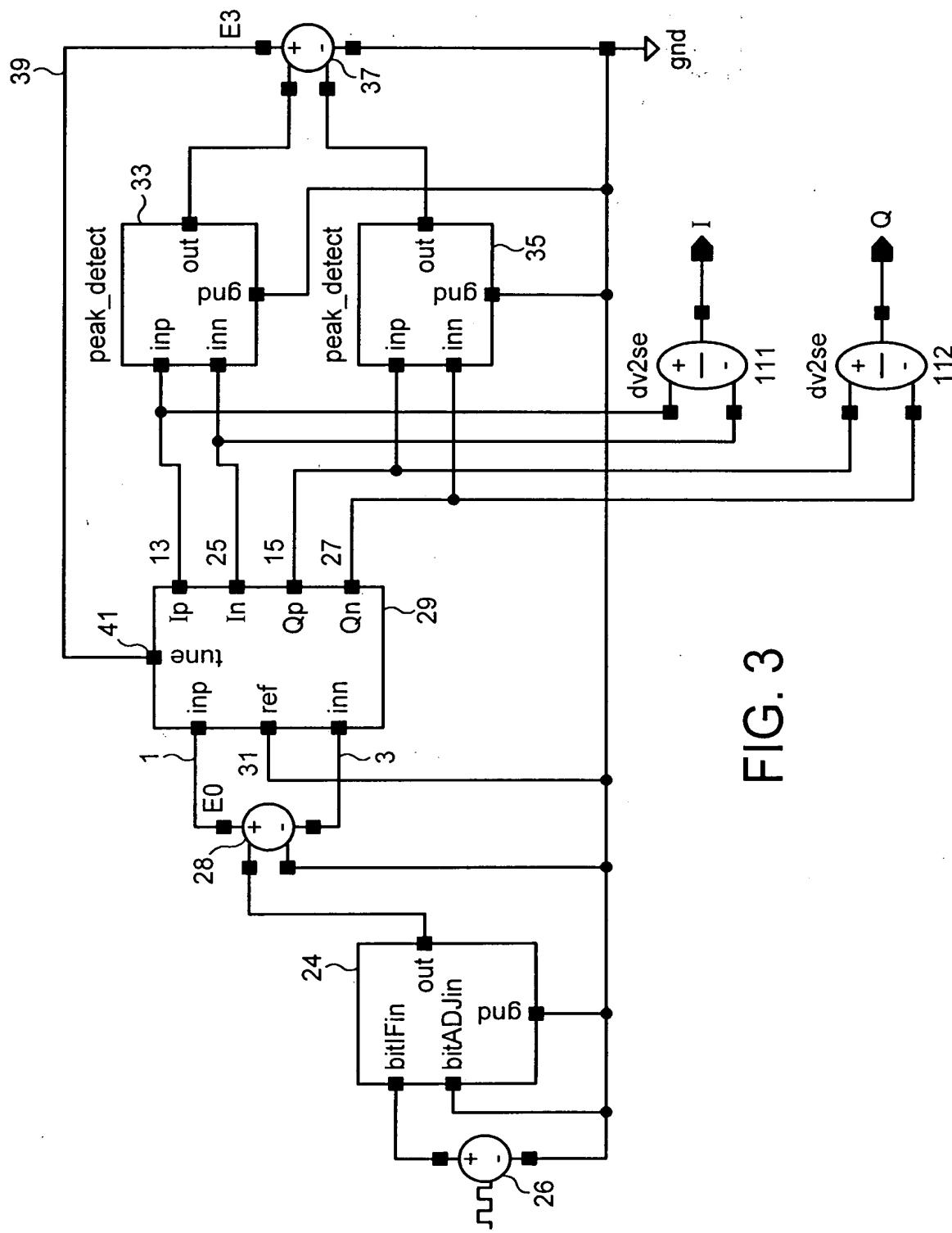
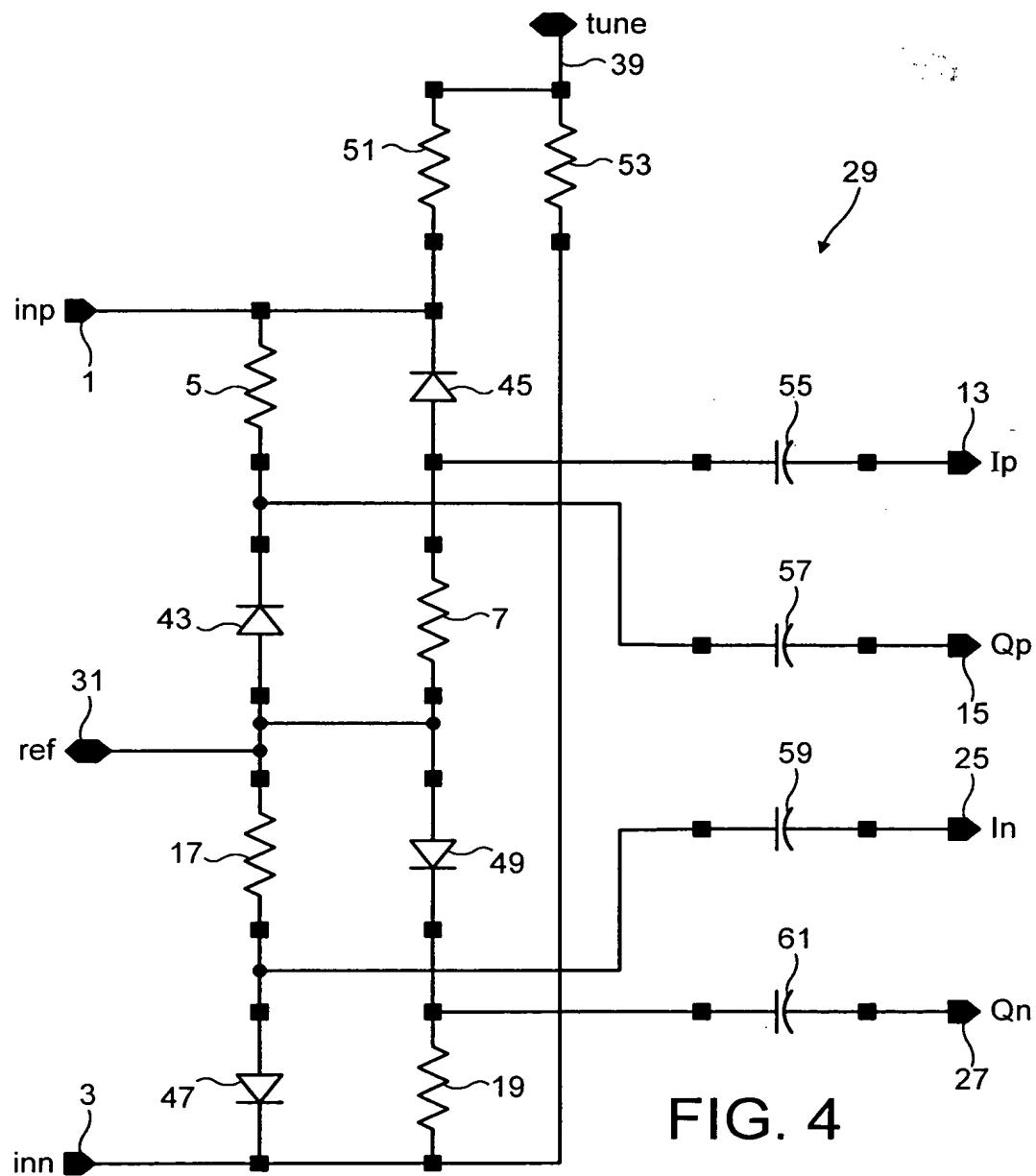


FIG. 3



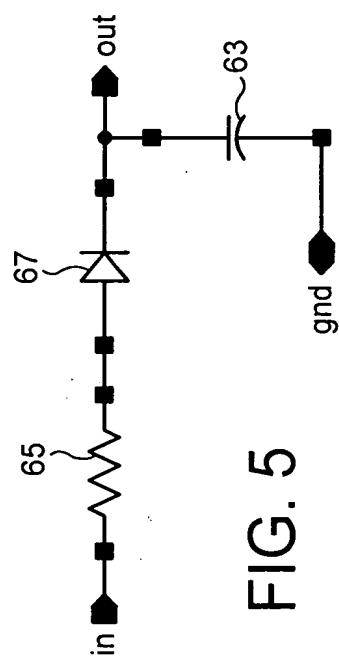


FIG. 5

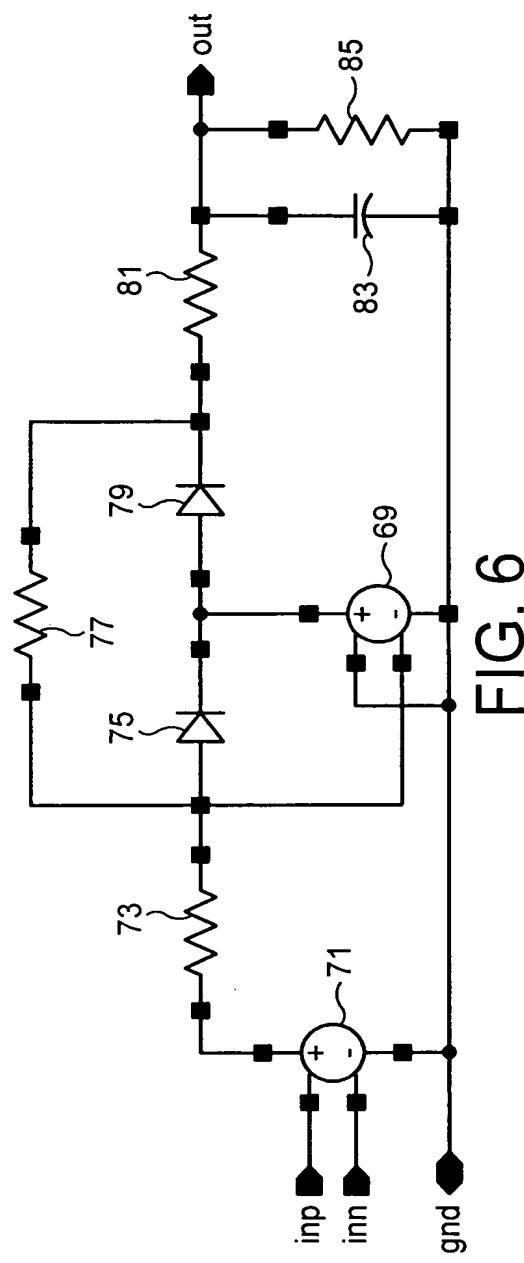
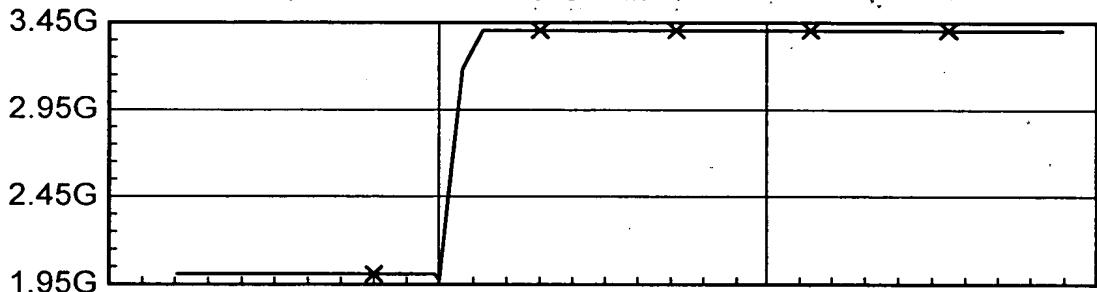
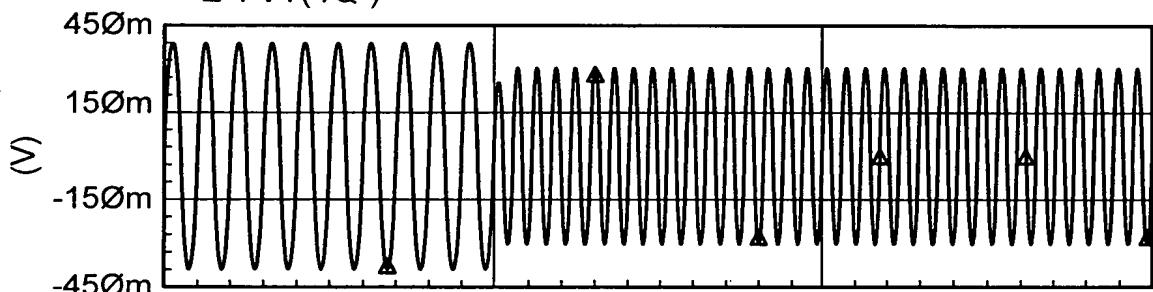


FIG. 6

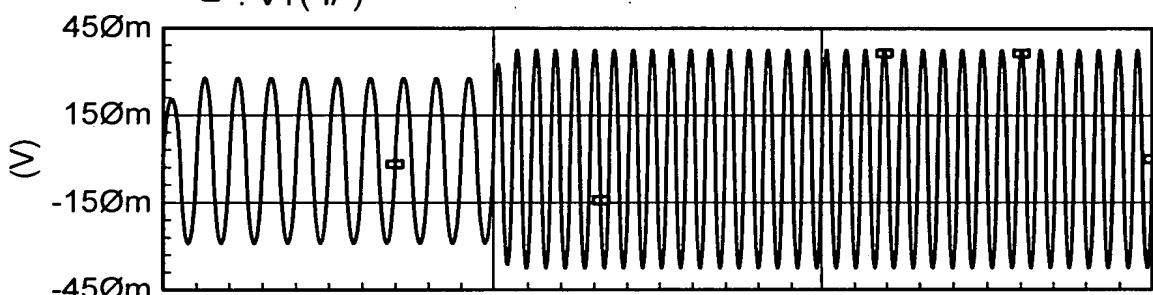
OPEN-LOOP RESPONSE

 \times : FREQUENCY OF LO SIGNAL

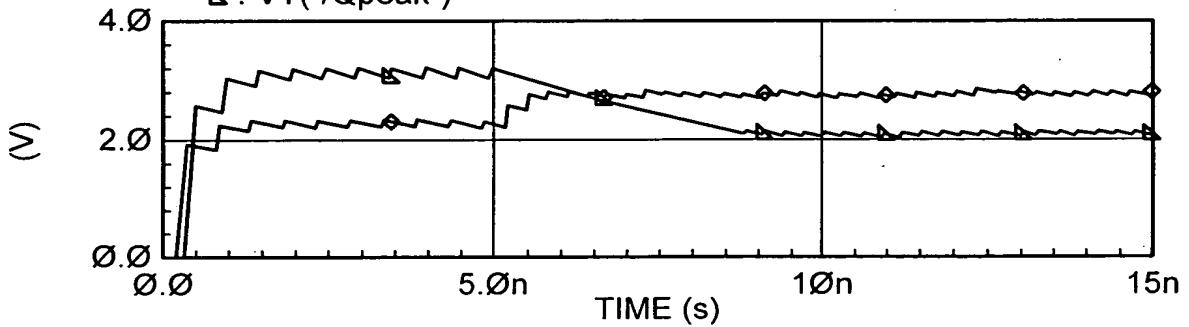
(a)

 Δ : VT("Q")

(b)

 \square : VT("I")

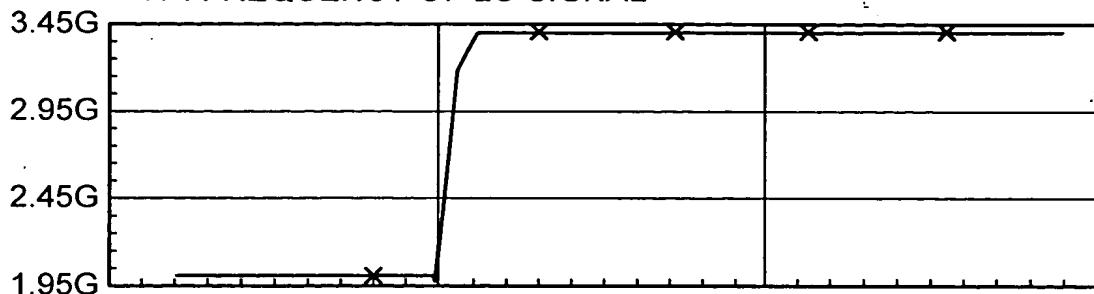
(c)

 \diamond : VT("Ipeak")
 \blacktriangle : VT("Qpeak")


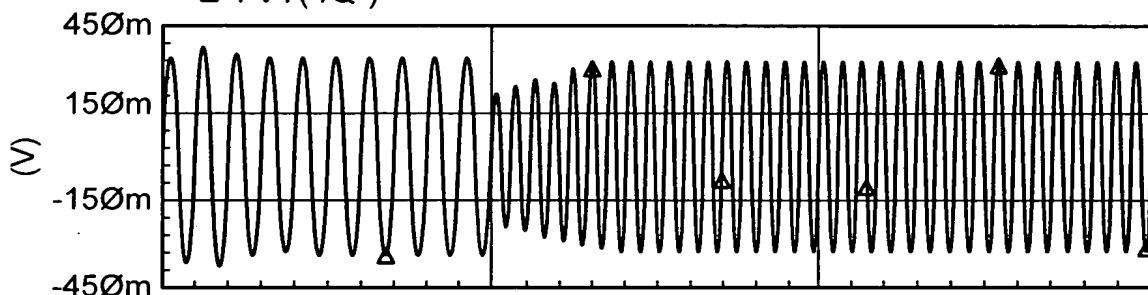
(d)

FIG. 7

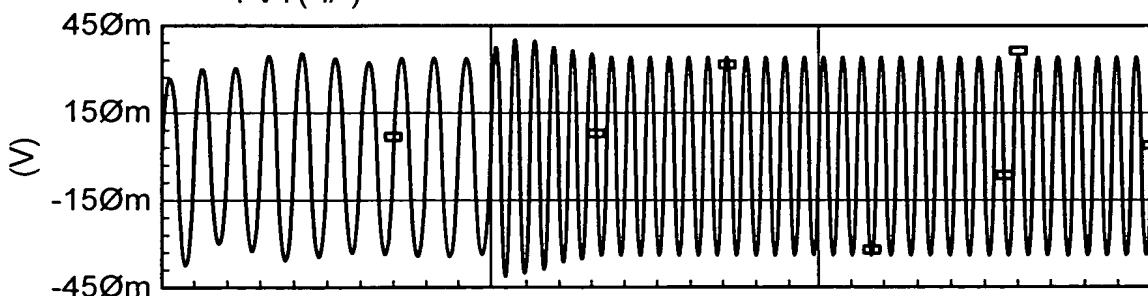
OPEN-LOOP RESPONSE

 \times : FREQUENCY OF LO SIGNAL

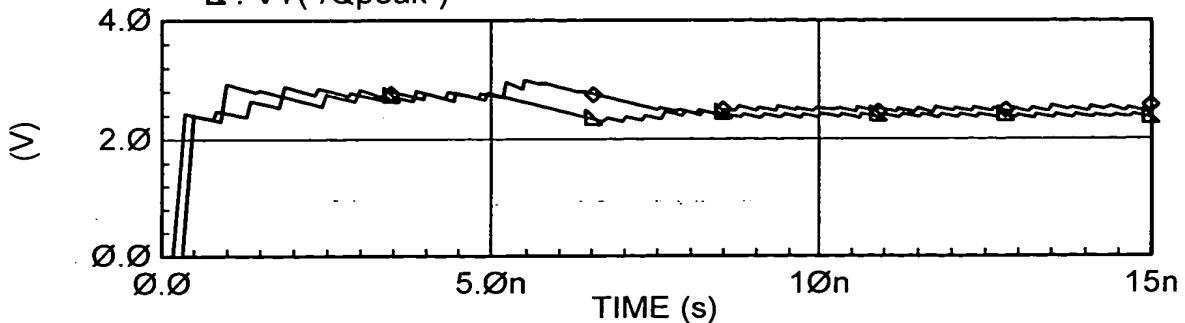
(a)

 Δ : VT("Q")

(b)

 \square : VT("I")

(c)

 \diamond : VT("Ipeak")
 \square : VT("Qpeak")


(d)

FIG. 8